REMARKS

Claims 2-15, 17, 19, 22 and 23 are pending in the application. Claims 2-15, 17, 19, 22 and 23 have been rejected.

Claims 2-4, 14, 15, 17, 19, 20 and 22 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Butrico et al. "Enterprise Data Access from Mobile Computers: An End-to-End Story: IFFF 2/28/200 (Butrico).

Claims 5-13 and 23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Butrico in view of Kloba, U.S. Patent No. 6,341,316 (Kloba).

Claim 22 is allowable over Butrico.

The present invention, as set forth by independent claim 22, relates to a system for exchange of data between a plurality of clients and at least one back end data store by using a central synchronization server having a connection to the clients, the clients generating data to be synchronized, the system including a sync engine for performing synchronization with the central synchronization server and connected to the central synchronization server, a single back end neutral interface associated with and connected to the sync engine, and a component assigned to each of the at least one back end data store, each of the components comprising a back end dependent part having an interface with the single back end neutral interface and an interface with the assigned back end data store.

Butrico discloses a Mobile Data Synchronization Service (MDSS) system which provides enterprise data access from mobile computers. The system addresses heterogeneity of devices and data sources, as well as memory and power constraints of devices and communication quality as well as scalability. Butrico discloses that the system includes a common data interchange format, called a Mobile Data Synchronization Protocol (MDSP) format. (See e.g., Butrico, Page, 11, lines 10 – 22.) Butrico also discloses an adapter that maps MDSP data to and from back end databases. (See e.g., Butrico, Page 14, Section 4.2.)

However, it is respectfully submitted that the adapter disclosed by Butrico is not a disclosure or suggestion of a component assigned to each back end data store, where each component comprises *a back end dependent part having an interface with the single back end neutral interface and an interface with the assigned back end data store*, as required by claim 22.

More specifically, Butrico, taken alone or in combination, does not teach or suggest a system for exchange of data between a plurality of clients and at least one back end data store by using a central synchronization server having a connection to the clients, the clients generating data to be synchronized, where the system includes a component assigned to each of the at least one back end data store, each of the components comprising a back end dependent part having an interface with the single back end neutral interface and an interface with the assigned back end data store, all as required by claim 22. Accordingly, claim 22 is allowable over Butrico. Claims 2-15, 17, 19 and 20 depend from claim and are allowable for at least this reason.

Claim 23 is allowable over Butrico and Kloba.

The present invention, as set forth by independent claim 23, relates to a method for synchronization of data. The method includes the steps of receiving a sync session request from a client; authenticating the client against a sync server, receiving an update from the client; authenticating the client against a back end data store via a content adaptable framework interface using a back end monitor, creating data objects and filling in the update received from the client by the sync server, calling the content adaptable framework interface and forwarding the data objects, selecting an appropriate back end specific part of a component assigned to the back end data store, transforming a content adaptable framework of the data objects into a back end specific format, and executing the update by calling the back end specific part and passing the data objects to the back end specific part.

Butrico is discussed above.

Kloba discloses enabling web content (as well as other objects) to be loaded on mobile devices, and for users of mobile devices to operate with such web content on their mobile devices in an interactive manner while in an off-line mode.

It is respectfully submitted that neither Butrico nor Kloba disclose or suggest creating data objects and filling in the update received from a client by a sync server, calling a content adaptable framework interface and forwarding the data objects, *selecting an appropriate back end specific part of a component assigned to the back end data store, transforming a content adaptable framework of the data objects into a back end specific format*, and *executing* ***the update*** *by calling* ***the back end specific part and passing the data objects to the back end specific part***, all as required by claim 23.

Claim 9 is allowable over Butrico and Kloba.

Butrico and Kloba are discussed above.

The present invention, as set forth by amended independent claim 9, relates to a system for exchange of data between a plurality of clients and at least one back end data store by using a central synchronization server having a connection to the clients, the clients generating data to be synchronized where the system includes a sync engine for performing synchronization with the central synchronization server and connected to the central synchronization server; a single back end neutral interface associated with and connected to the sync engine; a component assigned to each of the at least one back end data store, each of the components comprising a back end dependent part having an interface with the single back end neutral interface and an interface with the assigned back end data store, each of the components further comprising an abstract Back End independent part, where the abstract Back End independent part provides common functionalities for use by all the Back End dependent parts; and, a cache for permanently buffering of updates of the at least one back end data store and the clients, where each component comprises a caching mechanism for controlling and executing buffering updates into the cache and replicating buffered updates to the respective clients and the assigned back end data store, the caching mechanism having a Back End Monitor and the caching mechanism provides for each of the at least one back end data store its own Back End Monitor, Cache Monitor, and Back End Manager with its Back End dependent part and its abstract Back End independent part.

Neither Butrico or Kloba, taken alone or in combination, disclose or suggest a system for exchange of data between a plurality of clients and at least one back end data store by using a central synchronization server having a connection to the clients, the clients generating data to be synchronized where the system includes a component assigned to each of the at least one back end data store, each of the components comprising a back end dependent part having an interface with the single back end neutral interface and an interface with the assigned back end data store, each of the components further comprising an abstract Back End independent part, where *the abstract Back End independent part provides common functionalities for use by all the Back End dependent parts*, much less where *each component comprises a caching mechanism for controlling and executing buffering updates into the cache and replicating buffered updates to the respective clients and the assigned back end data store, the caching mechanism having a Back End Monitor*; much less where *the caching mechanism provides for each of the at least one back end data store its own Back End Monitor, Cache Monitor, and Back End Manager with its Back End dependent part and its abstract Back End independent part*, all as required by claim 9.

CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned.

The Commissioner is hereby authorized to charge Deposit Account No. 090461 for any fees due and credit any overpayments to same.

I hereby certify that this correspondence is being electronically submitted to the COMMISSIONER FOR PATENTS via EFS on November 27, 2007.

/Stephen A. Terrile/

Attorney for Applicant(s)

Respectfully submitted,

/Stephen A. Terrile/

Stephen A. Terrile
Attorney for Applicant(s)
Reg. No. 32,946